

VCI devices are corrosion preventive packaging that emits VCI compounds to protect recessed areas within a package.

These devices can be inserted in hard-to-reach areas. Sometimes, they are used simply to enhance protection by giving a 'boost' of the available VCI protection. In some cases, a VCI pouch or chip can be added to a plain poly bag to provide VCI protection where none existed before.

### VCI Devices:

**1. Thin Daubrite® Disk Emitters:** Provide effective corrosion protection for exposed metals such as steel, copper, zinc and multi-metal part for all types of enclosure environments. The protective vapors begin to work immediately, forming an invisible layer on the surface of the metal and preventing moisture, salt, dirt, oxygen and other contaminants from depositing on the metal and causing corrosion.



- **Daubrite® 5** disk protects 5 cu. ft. of space
- **Daubrite® 10** disk protects 10 cu. ft. of space

**Typical applications:** • Exposed metals in junction boxes, control panels. • Electronics and telecom equipment. • Steel enclosures • Utility & Tool boxes • Gun cabinets • Mechanical controls • Alarm cabinets

#### Features:

- Economical
- Effective on steel, copper, zinc and multi-metal parts
- Easy to install. Self-stick onto a flat surface, such as the back of metal cabinets, containers, walls, etc.
- Clean, dry corrosion protection
- Protects even in the presence of moisture
- Safe and easy to use; no special handling required
- Ultra-thin lightweight that fit in tight spaces
- Daubrite® disks are 2-3/16" round & up to only ¼" high. 50 disks per case.



- 2. Daubrite® 1 VCI Emitter Packets:** Protect multi-metal parts of enclosed space during storage and shipment, such as metals inside cabinets, boxes, bins, bags or envelopes. Do not open, simply place the Tyvek packet in the container with the parts and the embedded volatile corrosion inhibitor will create a chemical barrier on the surface of the metal.



**Features:**

- Lightweight
- Sturdy, Tear-resistant construction
- Economical and effective solution
- Easy to-use
- Protects even in the presence of moisture.
- Size 1-1/2" x 3" White Packet. 250 emitters per case. Each VCI packet protects exposed metals inside 1 cu. Ft.

*See also Daubrite® 5 disk emitters for 5 cu. ft. Daubrite® 10 disks for 10 cu. ft. of enclosed space.*

- 3. Nox-Rust® VCI Powders:** Anti rust powder that provides continuous corrosion protection for ferrous metals as well as aluminum specially designed to protect the interior metal surfaces of enclosed systems. It's also ideal for preserving equipment that needs to undergo hydrostatic testing prior to shipping and storage. In a mothballed facility, Nox-Rust powders keep machinery in working order so that production may be restored quickly if needed. Apply VCI powders by dusting or sprinkling, fogging into the enclosed space with a low-pressure air hose, or dissolve in water.

- **Nox-Rust 1000SF Powder Pouch:** Protects interior metal surfaces for ferrous metals during extended periods of equipment inactivity, during storage or lay-up or hydrostatic testing. Each 8" x 11" pouch emitter is designed to protect up to 900 cubic feet of enclosed space. Apply by dusting, fogging, or dissolving in water. No need to remove before restarting the unit after shut-down.
- **Nox-Rust VCI Powder 1000SFG:** Finely ground version of 1000SF. Use in applications where a fine powder is needed.



- **Nox-Rust VCI Powder 1010SFG:** Silica-free, water soluble, finely ground powder. Use wet or dry. Compatible with copper, brass and galvanized steel. No need to be removed prior to equipment restart.
- **Nox-Rust 1015 Pouch Emitter:** Protect exposed metals, such as iron and steel alloys, inside an enclosure of up to 15 cubic feet. Nox-Rust 1015 pouch emitter eliminates the need to fog or spray powders when such a method of application is not desired or not possible. Protection from 6 months to 2 years.



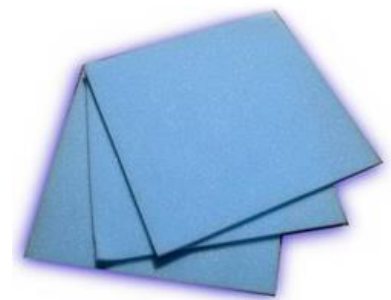
**Typical applications:** Lay-up, preservation, and mothball applications • Boilers • void spaces inside vessels Turbines • Heat exchangers • Compressors • Tubes, pipes • Power generation equipment • Mining equipment • Drilling equipment tanks steam or condensate pipe lines.

**Features:**

- Breathable polyethylene bag filled with VCI ferrous
- Water-soluble
- Silica-free
- Safe and environmentally friendly
- Contain no phosphates, heavy metals or nitrites
- For ferrous metals as well as aluminum

**4. Daubrite® VCI Foam:** Protection for equipment and electronics against corrosion, additionally provides cushion

- **Daubrite® Foam Cushions:** Protection for steel, copper, zinc, and multi-metals for electronics, sensitive subassemblies and valuable equipment against corrosion from forming inside the packaging environment  
Custom size available.

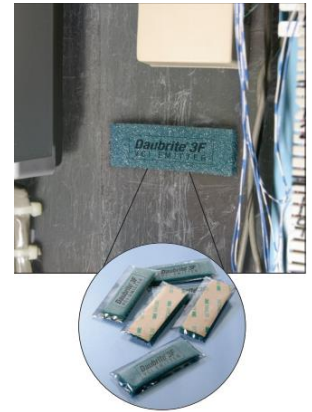


**Features:**

- Ready and easy to use
- No affected by humidity, condensation, dirt, or changes in the exterior environment, making it ideal for export shipments.
- Standard Daubrite® VCI foam is blue and sold in rolls or cases of 10" x 10" x 1/4" pads, 250 pads per case.
- Leaves no residue to affect the performance of part
- Soft and flexible
- Non-abrasive

- **Daubrite® 3F VCI Foam Emitters:** Corrosion protection inside small spaces for exposed metal, such as steel, copper, zinc, galvanized steel, and multi-metal parts against moisture, salt, dirt, oxygen and other contaminants in the environment. Approved for U.S. military shipboard applications

**Typical applications:** Fuse boxes • Circuit breakers • Firearms storage • Telephone relays • Tool boxes • Metal parts storage • Electronic equipment control panels and cabinets • Telecommunications equipment • Marine navigation and communications equipment



**Features:**

- Economical and effective solution
- Easy to install. Self-stick onto a flat surface, such as the back of metal cabinets, containers, walls, etc.
- Individually wrapped in 1" x 3" piece that protects 1 cu. ft. (28 liters) for up to 2 years. 50 emitters per case. Other sizes and types of cut foam available.
- Small, thin, lightweight that fits in tight or restricted spaces
- Does not interfere with the performance of electrical or mechanical equipment
- Non-toxic, safe and fully recyclable.

**5. VCI Chips:** 30 pt. chipboard coated with corrosion inhibitor.

Types of chips:

- **Nox-Rust® Vapor Wrapper® VCI chips:** Protection for iron, steel, cast iron, and ferrous metals.
- **Uniwrap® MPI VCI chips:** Multi-purpose corrosion inhibitor protection for ferrous/non-ferrous metals and combinations of metals.



**Features:**

- Easy to use
- Cut in convenient sizes of 2" x 2" and 1" x 1" pieces (1" x 1" chip protects 25 cu. in. and 2" x 2" chip protects 100 cu. in.).

Authorized Distributor of Daubert Cromwell Products for Western Canada.

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